

WHAT IS CLAIMED IS:

1. A handle device for use in a punching apparatus, comprising:
an elongated link for coupling to a punching structure of said punching apparatus, said elongated link having first and second ends, the cross sections of said first and said second ends being substantially identical to each other in shape and size; and
a handle member for receiving an external force, said handle member having a third end, the cross section of said third end conforming to both of said cross sections of said first and said second ends in order that said handle member is engageable with said elongated link at any of said first and said second ends, thereby transmitting said elongated link to move in response to said external force so as to actuate said punching structure.
2. The handle device according to claim 1 wherein said elongated link is prism-shaped.
3. The handle device according to claim 2 wherein said elongated link is a hexagonal prism, and each of said first, said second and said third end cross sections is hexagon-shaped.
4. The handle device according to claim 1 wherein said cross sections of said first and said second ends are solid, said cross section of said third end is hollow, and said third end is sleeved on either of said first and said second ends to engage said handle member with said elongated link in said operational mode.
5. The handle device according to claim 1 wherein said cross sections of said first and said second ends are hollow, said cross section of said third end is solid, and said third end is sleeved by either of said first and said second ends to engage said handle member with said elongated link in said operational mode.
6. A punching apparatus, comprising:

a base for placing thereon an object to be punched;
a punching structure mounted over said base for digging into said object to create at least one hole;

a transmitting shaft coupled to said punching structure and rotated to actuate said punching structure to move between a punching position and a releasing position in response to first and second external forces, respectively; and

a first handle member attachable to and detachable from any of a first end and a second end of said transmitting shaft, and transmitting said punching structure to move between said punching position and said releasing position in response to said first and said second external forces exerted thereon, respectively.

7. The punching apparatus according to claim 6 wherein said first and said second ends of said transmitting shaft are hexagonal posts.

8. The punching apparatus according to claim 7 wherein said first handle member has a hollow hexagonal end for optionally and selectively engaging with one of said first and said second hexagonal posts.

9. The punching apparatus according to claim 6 further comprising a positioning pin for penetrating a hole on said first handle member and a hole on said transmitting shaft in order to secure said first handle member to a selected one of said first and said second ends of said transmitting shaft.

10. The punching apparatus according to claim 6 further comprising a stopper attachable to and detachable from any of said first and said second ends of said transmitting shaft for preventing from dislocation of said transmitting shaft, said stopper and said first handle member being exchangeably disposed at said first and said second ends of said transmitting shaft.

11. The punching apparatus according to claim 10 wherein said first and said second ends of said transmitting shaft are hexagonal posts, and said first handle

member and said stopper have respective hollow hexagonal ends for engaging with said first and said second hexagonal posts.

12. The punching apparatus according to claim 10 further comprising a positioning pin for penetrating a hole on said stopper and a hole on said transmitting shaft in order to secure said stopper to a selected one of said first and said second ends of said transmitting shaft.

13. The punching apparatus according to claim 6 further comprising a casing for sheltering said punching structure and said transmitting shaft.

14. The punching apparatus according to claim 6 wherein said object is a stack of paper sheets.

15. The punching apparatus according to claim 6 wherein said first and said second external forces are exerted to pivot said first handle member in different directions.

16. The punching apparatus according to claim 6 further comprising a second handle member attachable to and detachable from any of said first and said second ends of said transmitting shaft, said first and said second handle members being exchangeably disposed at said first and said second ends of said transmitting shaft.

17. The punching apparatus according to claim 16 wherein said first and said second ends of said transmitting shaft are hexagonal posts, and said first and said second handle members have respective hollow hexagonal ends for engaging with said first and said second hexagonal posts.

18. The punching apparatus according to claim 16 further comprising a positioning pin for penetrating a hole on said second handle member and a hole on said transmitting shaft in order to secure said second handle member to a selected one of said first and said second ends of said transmitting shaft.

19. A punching apparatus, comprising:

a base for placing thereon an object to be punched;

a transmitting shaft disposed over said base;

first and second handle members detachably coupled to first and second ends of said transmitting shaft, respectively; and

a punching structure coupled to said transmitting shaft for digging holes on said object in response to an external force exerted on one or both of said first and said second handle members.

20. The punching apparatus according to claim 19 wherein said first and said second ends of said transmitting shaft are hexagonal posts.